ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Tom Lines	9/18/00	00-0936	—	605-594-2602	EDC	EDC

8. CCR Title: DUE: ASTER D3 ingest recovery scripts

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 9/1/00
Thomas G Lines		CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
9-18-00	Other	Routine

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:INGEST

19. Release Affected by this Change: 5B	20. Date due to Customer:	21. Estimated Cost: None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:
NCR ECSed27081, EDC CCR EDCdd00099

23. Problem: (use additional Sheets if necessary)
EDC Operations needs an automated way to recover when an ASTER D3 ingest fails so that the whole tape does not need to be reprocessed, causing duplicates.

24. Proposed Solution: (use additional sheets if necessary)
Two scripts were developed to automate D3 recovery.
EdcInAsterRecovery - generates PDR for failed granules that can then be picked up by polled ingest.
EdcInAsterCleanup - cleans up PDRs and files that are left over when a D3 fails.

25. Alternate Solution: (use additional sheets if necessary)
Alternate solutions were discussed at a 8/28/00 telecon about D3 recovery.
One option: enable the partial ingest of a tape, preferably through the GUI, and at a file level.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
If a tape must be re-ingested, duplicates are created which must be identified and versioned off.

27. Justification for Emergency (If Block 15 is "Emergency"):
DUE - FYI - No ECS Sys. impact.
WSS

28. Site(s) Affected: ☐EDF ☐PVC ☐VATC ☒EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL
☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date): 26Sep00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

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ECS/EDF/SCDV/M&O